

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
(Case No. API-01-20-US)

|                                    |   |                         |
|------------------------------------|---|-------------------------|
| In the Application of:             | ) |                         |
|                                    | ) |                         |
| Parrington, et al.                 | ) |                         |
|                                    | ) |                         |
| Serial No.: 10/510,677             | ) | Examiner: Sean E. Aeder |
|                                    | ) |                         |
| Filed: 10/06/2004                  | ) | Art Unit: 1642          |
|                                    | ) |                         |
| For: MODIFIED CEA NUCLEIC ACID AND | ) |                         |
| EXPRESSION VECTORS                 | ) |                         |

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*Submitted via EFS-Web*

**RESPONSE TO NON-FINAL OFFICE ACTION DATED APRIL 21, 2008**

This is a response to the Non-Final Office Action dated April 21, 2008. A new sequence listing is attached. A two-month extension of time to respond is required and is hereby requested. Applicants do not believe any additional petitions are required with this response. If this is in error, Applicants hereby make any such additionally required petitions. The undersigned authorizes the Commissioner to deduct all fees associated with this response, including the two-month extension fee (\$460), from Deposit Account No. 50-0244.

Amendments to the Specification are shown on page 2 of this response.

Amendments to the Claims begins on page 3 of this response.

Remarks and Conclusions are found on page 8 of this response.